



SEQUENCE LISTING

<110> Crofts, Linda Anne
Hancock, Manuela S.
Morrison, Nigel A.
Eisman, John A.

<120> Isoforms of the Human Vitamin D Receptor

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<140> 09/509,482

<141> 2000-09-15

<150> PCT/AU98/00817

<151> 1998-09-29

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Met Ile Gln Lys Leu Ala Asp Leu Arg Ser Leu Asn Glu Glu His Ser
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 Val Cys Gly Asp Arg Ala Thr Gly Phe His Phe Asn Ala Met Thr Cys
 50 55 60
 Glu Gly Cys Lys Gly Phe Phe Arg Arg Ser Met Lys Arg Lys Ala Leu
 65 70 75 80
 Phe Thr Cys Pro Phe Asn Gly Asp Cys Arg Ile Thr Lys Asp Asn Arg
 85 90 95
 Arg His Cys Gln Ala Cys Arg Leu Lys Arg Cys Val Asp Ile Gly Met
 100 105 110
 Met Lys Glu Phe Ile Leu Thr Asp Glu Glu Val Gln Arg Lys Arg Glu
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 Pro Lys Leu Ser Glu Glu Gln Gln Arg Ile Ile Ala Ile Leu Leu Asp
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 Ala His His Lys Thr Tyr Asp Pro Thr Tyr Ser Asp Phe Cys Gln Phe
 165 170 175
 Arg Pro Pro Val Arg Val Asn Asp Gly Gly Gly Ser His Pro Ser Arg
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 Pro Asn Ser Arg His Thr Pro Ser Phe Ser Gly Asp Ser Ser Ser Ser
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 Cys Ser Asp His Cys Ile Thr Ser Ser Asp Met Met Asp Ser Ser Ser
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 Phe Ser Asn Leu Asp Leu Ser Glu Glu Asp Ser Asp Asp Pro Ser Val
 225 230 235 240
 Thr Leu Glu Leu Ser Gln Leu Ser Met Leu Pro His Leu Ala Asp Leu
 245 250 255
 Val Ser Tyr Ser Ile Gln Lys Val Ile Gly Phe Ala Lys Met Ile Pro
 260 265 270
 Gly Phe Arg Asp Leu Thr Ser Glu Asp Gln Ile Val Leu Leu Lys Ser
 275 280 285
 Ser Ala Ile Glu Val Ile Met Leu Arg Ser Asn Glu Ser Phe Thr Met
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Ile	Lys	Phe	Gln	Val	Gly	Leu	Lys	Lys	Leu	Asn	Leu	His	Glu	Glu	Glu
			340					345					350		
His	Val	Leu	Leu	Met	Ala	Ile	Cys	Ile	Val	Ser	Pro	Asp	Arg	Pro	Gly
		355					360					365			
Val	Gln	Asp	Ala	Ala	Leu	Ile	Glu	Ala	Ile	Gln	Asp	Arg	Leu	Ser	Asn
	370					375					380				
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385					390					395					400
Leu	Leu	Tyr	Ala	Lys	Met	Ile	Gln	Lys	Leu	Ala	Asp	Leu	Arg	Ser	Leu
				405					410					415	
Asn	Glu	Glu	His	Ser	Lys	Gln	Tyr	Arg	Cys	Leu	Ser	Phe	Gln	Pro	Glu
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Cys	Ser	Met	Lys	Leu	Thr	Pro	Leu	Val	Leu	Glu	Val	Phe	Gly	Asn	Glu
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<210> 11
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Leu	Pro	Asp	Pro	Gly	Asp	Phe	Asp	Arg	Asn	Val	Pro	Arg	Ile	Cys	Gly
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Val	Cys	Gly	Asp	Arg	Ala	Thr	Gly	Phe	His	Phe	Asn	Ala	Met	Thr	Cys
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<210> 12
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Leu Lys Arg Cys Val Asp	Ile Gly Met Met Lys Glu Phe Ile Leu Thr	80
	85	90
Asp Glu Glu Val Gln Arg Lys Arg	Glu Met Ile Leu Lys Arg Lys Glu	95
	100	105
Glu Glu Ala Leu Lys Asp Ser	Leu Arg Pro Lys Leu Ser Glu Glu Gln	110
	115	120
Gln Arg Ile Ile Ala Ile Leu Leu Asp	Ala His His Lys Thr Tyr Asp	125
	130	135
Pro Thr Tyr Ser Asp Phe Cys Gln Phe Arg	Pro Pro Val Arg Val Asn	140
	145	150
Asp Gly Gly Gly Ser His Pro Ser Arg	Pro Asn Ser Arg His Thr Pro	155
	165	170
Ser Phe Ser Gly Asp Ser Ser Ser Ser	Cys Ser Asp His Cys Ile Thr	175
	180	185
Ser Ser Asp Met Met Asp Ser Ser Ser	Phe Ser Asn Leu Asp Leu Ser	190
	195	200
Glu Glu Asp Ser Asp Asp Pro Ser Val Thr	Leu Glu Leu Ser Gln Leu	205
	210	215
Ser Met Leu Pro His Leu Ala Asp Leu Val	Ser Tyr Ser Ile Gln Lys	220
	225	230
Val Ile Gly Phe Ala Lys Met Ile Pro Gly	Phe Arg Asp Leu Thr Ser	235
	245	250
Glu Asp Gln Ile Val Leu Leu Lys Ser Ser	Ala Ile Glu Val Ile Met	255
	260	265
Leu Arg Ser Asn Glu Ser Phe Thr Met Asp	Asp Met Ser Trp Thr Cys	270
	275	280
Gly Asn Gln Asp Tyr Lys Tyr Arg Val Ser	Asp Val Thr Lys Ala Gly	285
	290	295
His Ser Leu Glu Leu Ile Glu Pro Leu Ile	Lys Phe Gln Val Gly Leu	300
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Lys Lys Leu Asn Leu His Glu Glu Glu His	Val Leu Leu Met Ala Ile	315
	325	330
Cys Ile Val Ser Pro Asp Arg Pro Gly Val	Gln Asp Ala Ala Leu Ile	335
	340	345
Glu Ala Ile Gln Asp Arg Leu Ser Asn Thr	Leu Gln Thr Tyr Ile Arg	350
	355	360
Cys Arg His Pro Pro Pro Gly Ser His Leu	Leu Tyr Ala Lys Met Ile	365
	370	375
Gln Lys Leu Ala Asp Leu Arg Ser Leu Asn	Glu Glu His Ser Lys Gln	380
	385	390
Tyr Arg Cys Leu Ser Phe Gln Pro Glu Cys	Ser Met Lys Leu Thr Pro	395
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<210> 13
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 <212> DNA

<213> Homo sapiens

<400> 13

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<210> 14

<211> 26

<212> PRT

<213> Homo sapiens

<400> 14

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<210> 15

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<212> PRT

<213> Homo sapiens

<400> 15

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Pro His Arg Arg Ala Pro Leu Gly Ser Thr Tyr Leu Pro Pro Ala Pro
          35              40              45
Ser Gly Met Glu Ala Met Ala Ala Ser Thr Ser Leu Pro Asp Pro Gly
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Asp Phe Asp Arg Asn Val Pro Arg Ile Asp Asx Asp
65              70              75
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<210> 16

<211> 49

<212> PRT

<213> Homo sapiens

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Leu Pro Asp Pro Gly Asp Phe Asp Arg Asn Val Pro Arg Ile Asp Asx
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Asp
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<210> 17

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